Author index to volume 269

Abdurashidova, G.G., E.A. Tsvetkova and E.I. Budowsky, Determination of tRNA nucleotide residues directly interacting with proteins in the post- and pretranslocated ribosomal complexes 269 (1990) 398
Abramova, T.V. see E.I. Frolova 269 (1990) 101
Ackermann, U. and K. Geering, Mutual dependence of Na,K-ATPase α- and β-subunits for correct posttranslational processing and intracellular transport 269 (1990) 105
Adams, R.L.P., A. Hanley and A. Rinaldi, DNA demethylation in erythroleukaemia cells 269 (1990) 29
Akamatsu, Y., D.B. Ma, T. Higuchi and M. Shimada, A novel enzymatic decarboxylation of oxalic acid by the lignin peroxidase system of white-rot fungus *Phanerochaete chrysosporium* 269 (1990) 261
Akimaru, J. see S. Matsuyama 269 (1990) 96
Amachi, T. see M. Inoue 269 (1990) 89
Anand, R. see M.A. Elmore 269 (1990) 283
Andersson, B. see I. Virgin 269 (1990) 45
Andersson, M., P.G. Elmberger, C. Edlund, K. Kristensson and G. Dallner, Rates of cholesterol, ubiquinone, dolichol and dolichyl-P biosynthesis in rat brain slices 269 (1990) 15
Andersson, Y. see B. Lönnerdal 269 (1990) 153
Anni, H. see S. Tokutomi 269 (1990) 341
Ap Rees, T. see R.H. Dunstan 269 (1990) 177
Arata, Y. see H. Hanzawa 269 (1990) 413
Arata, Y. see H. Torigoe 269 (1990) 174
Arlaud, G.J. see G. Zaccaï 269 (1990) 19
Aronson, N.N. Jr. see K.J. Fisher 269 (1990) 440
Arrondo, J.L.R. see A. Prado 269 (1990) 324
Aude, C.A. see G. Zaccaï 269 (1990) 19
Audemard, E. see M.-C. Harricane 269 (1990) 185

Bairoch, A. and J.A. Cox, EF-hand motifs in inositol phospholipid-specific phospholipase C 269 (1990) 454
Ballio, A., F. Bossa, A. Collina, M. Gallo, N.S. Iacobellis, M. Paci, P. Pucci, A. Scaloni, A. Segre and M. Simmaco, Structure of syringotoxin, a bioactive metabolite of *Pseudomonas syringae* pv. *syringae* 269 (1990) 377
Baly, D.L. see A. Garcia-Welsh 269 (1990) 421
Baratova, L.A. see S.E. Glushakova 269 (1990) 145
Barciszewska, M.Z., S. Lorenz, A. Joachimiak, N. Ulbrich, V.A. Erdmann and J. Barciszewski, New model of tertiary structure of plant 5S rRNA is confirmed by digestions with α-sarcin 269 (1990) 83
Barciszewski, J. see M.Z. Barciszewska 269 (1990) 83
Barrett, A.J. see A.D. Rowan 269 (1990) 328
Baumann, A. see P. Jonas 269 (1990) 264
Beck, E. see N. Luz 269 (1990) 311
Beisembaeva, R.U., A.T. Mursagalieva, L.M. Dzhumalieva, T.E. Shaikenov and A.T. Mevkh, Identification of haptoglobin as an endogenous inhibitor of prostaglandin H synthase in the cytosol fraction of primary cells from sheep vesicular glands 269 (1990) 125
Belshaw, N.J. and G. Williamson, Production and purification of a granular-starch-binding domain of glucoamylase 1 from *Aspergillus niger* 269 (1990) 350
Benali, R. see J. Jacquot 269 (1990) 65
Bendahan, D., S. Confort-Gouny, G. Kozak-Reiss and P.J. Cozzone, Pi trapping in glycogenolytic pathway can explain transient Pi disappearance during recovery from muscular exercise: A ^{31}P NRM study in the human 269 (1990) 402
Bergstrom, E.E. see K.K. Bhattacharyya 269 (1990) 233
Bergström, S. see B. Lönnerdal 269 (1990) 153
Berthomieu, C., E. Nabedryk, W. Mäntele and J. Breton, Characterization by FTIR spectroscopy of the photoreduction of the primary quinone acceptor Q_A in photosystem II 269 (1990) 363
Besser, D., F. Götz, K. Schulze-Forster, H. Wagner, H. Kröger and D. Simon, DNA methylation inhibits transcription by RNA polymerase III of a tRNA gene, but not of a 5S rRNA gene 269 (1990) 358
Beyreuther, K. see G. König 269 (1990) 305
Bhattacharyya, K.K., E.E. Bergstrom and L.E. Hokin, Molecular cloning of the β-subunit of the Na,K-ATPase in the brine shrimp, *Artemia*: The cDNA-derived amino acid sequence shows low homology with the β-subunits of vertebrates except in the single transmembrane and the carboxy-terminal domains 269 (1990) 233
Bhuiyan, L.A. see Y. Iijima 269 (1990) 218
Bianchi, A., B. Quistorff and L.A. Witters, Hepatic zonation of insulin-stimulated tyrosine phosphorylation 269 (1990) 435
Biel, M., P. Ruth, E. Bosse, R. Hullin, W. Stühmer, V. Flockerzi and F. Hofmann, Primary structure and functional expression of a high voltage activated calcium channel from rabbit lung 269 (1990) 409
Blay, P. see J.R. Viña 269 (1990) 86
Bloemendal, H. see P.J.T.A. Groenen 269 (1990) 109
Blokkebak-Poulsen, J. see C. Jacobsen 269 (1990) 315
Bossa, F. see A. Ballio 269 (1990) 377
Bosse, E. see M. Biel 269 (1990) 409
Bratty, J., T. Wu, K. Nicoghosian, K.K. Ogilvie, J.-P. Perreault, G. Keith and R. Cedergren, Characterization of a chemically synthesized RNA having the sequence of the yeast initiator tRNA^{Met} 269 (1990) 60
Breton, J. see C. Berthomieu 269 (1990) 363
Brzin, J. see A.D. Rowan 269 (1990) 328
Budowsky, E.I. see G.G. Abdurashidova 269 (1990) 398
Buneeva, O.A. see V.I. Bunik 269 (1990) 252
Bunik, V.I., O.A. Buneeva and V.S. Gomazkova, Change in α-ketoglutarate dehydrogenase cooperative properties due to dihydrolipoate and NADH 269 (1990) 252
Buttle, D.J. see A.D. Rowan 269 (1990) 328

Cahill, P.A. see E.M. Redmond 269 (1990) 157
Camonis, J.H. see H. Garreau 269 (1990) 53
Casadevall, N. see P. Mayeux 269 (1990) 167
Castells, A. see J.R. Viña 269 (1990) 86
Castresana, J. see A. Prado 269 (1990) 324
Cataldi, A., S. Miscia, R. Lisio, R. Rana and L. Cocco, Transient shift of diacylglycerol and inositol lipids induced by interferon in Daudi cells: Evidence for a different pattern between nuclei and intact cells 269 (1990) 465
Cavadore, C. see M.-C. Harricane 269 (1990) 185
Cedergren, R. see J. Bratty 269 (1990) 60
Cederlund, E. see B. Egestad 269 (1990) 194
Chain, D., B. Korc-Grodzicki, T. Kreizman and S. Shaltiel, The phosphorylation of the two-chain form of vitronectin by protein kinase A is heparin dependent 269 (1990) 221
Chetverina, E.V. see A.M. Mikhailov 269 (1990) 255
Choo, H.L. see M.J. Selwyn 269 (1990) 205

Published by Elsevier Science Publishers B.V. (Biomedical Division)
00145793/90/$3.50 © 1990 Federation of European Biochemical Societies

Clarke, P.R. and D.G. Hardie, Calmodulin-dependent multiprotein kinase and protein kinase C phosphorylate the same site on HMG-CoA reductase as the AMP-activated protein kinase 269 (1990) 213
Cocco, L. see A. Cataldi 269 (1990) 465
Collard, J. see D.S. Leake 269 (1990) 209
Collina, A. see A. Ballio 269 (1990) 377
Confort-Gouny, S. see D. Bendahan 269 (1990) 402
Coote, P.R. see J.N. Wood 269 (1990) 381
Cox, J.A. see A. Bairoch 269 (1990) 454
Cozzone, P.J. see D. Bendahan 269 (1990) 402

Dallner, G. see M. Andersson 269 (1990) 15
D'Amore, T. see S. Novak 269 (1990) 202
Danielsson, O. see B. Egestad 269 (1990) 194
De Jong, W.W. see P.J.T.A. Groenen 269 (1990) 109
De Leeuw, W.J.F. see P.E. Slagboom 269 (1990) 128
De Wachter, R. see L. Hendriks 269 (1990) 445
Degani, H. see U. Pilatus 269 (1990) 292
Degryse, E., Influence of the second and third codon on the expression of recombinant hirudin in *E. coli* 269 (1990) 244
Denek, L., J.S. Schwegler, R.M. Schaefer and A. Heidland, Parathyroid hormone increases thiol proteinase activity by activation of protein kinase C in cultured kidney tubule cells (OK) 269 (1990) 226
Diakun, G.P. see S.D. Holt 269 (1990) 117
Dmitriev, B.A. see V.S. Trubetskoy 269 (1990) 79
Dosil, M., M. Freire and J. Gómez-Márquez, Tissue-specific and differential expression of prothymosin α gene during rat development 269 (1990) 373
Dray, A. see J.N. Wood 269 (1990) 381
Duance, V.C. see R.A. Maciewicz 269 (1990) 189
Dunstan, R.H., T. ap Rees, F.R. Whatley and W. Greenaway, Radiorespirometry evidence for the discrimination between ^{13}C-enriched glucose and unlabelled glucose molecules by *Paracoccus denitrificans* 269 (1990) 177
Dupuit, F. see J. Jacquot 269 (1990) 65
Dzhumalieva, L.M. see R.U. Beisembaeva 269 (1990) 125

Edlund, C. see M. Andersson 269 (1990) 15
Egestad, B., M. Estonius, O. Danielsson, B. Persson, E. Cederlund, R. Kaiser, B. Holmquist, B. Vallee, X. Parés, J. Jefferey and H. Jörnvall, Fast atom bombardment mass spectrometry and chemical analysis in determinations of acyl-blocked protein structures 269 (1990) 194
Ellwart-Tschürz, M. see A. Horsch 269 (1990) 336
Elmberger, P.G. see M. Andersson 269 (1990) 15
Elmore, M.A., R. Anand, A.R. Horvath and S. Kellie, Tyrosine-specific phosphorylation of gpIIIa in platelet membranes 269 (1990) 283
Eppenberger, H.M. see A.F.G. Quest 269 (1990) 457
Erdmann, V.A. see M.Z. Barciszewska 269 (1990) 83
Estonius, M. see B. Egestad 269 (1990) 194
Etherington, D.J. see R.A. Maciewicz 269 (1990) 189

Fedorova, O.S. see M.A. Zenkova 269 (1990) 26
Feiters, M.C. see S.D. Holt 269 (1990) 117
Findlay, J.B.C. see I.R. White 269 (1990) 49
Fischer, R. and R.K. Thauer, Ferredoxin-dependent methane formation from acetate in cell extracts of *Methanosarcina barkeri* (strain MS) 269 (1990) 368
Fisher, K.J., O.K. Tollersrud, N.N. and Aronson Jr., Cloning and sequence analysis of a cDNA for human glycosylasparaginase: A single gene encodes the subunits of this lysosomal amidase 269 (1990) 440
Flockerzi, V. see M. Biel 269 (1990) 409
Förster, B., Injected inositol 1,4,5-trisphosphate activates Ca^{2+}-sensitive K^+ channels in the plasmalemma of *Eremosphaera viridis* 269 (1990) 197
Freire, M. see M. Dosil 269 (1990) 373
Frolova, E.I., E.M. Ivanova, V.F. Zarytova, T.V. Abramova and V.V. Vlassov, Porphyrin-linked oligonucleotides: Synthesis and sequence-specific modification of ssDNA 269 (1990) 101
Fromme, P. and P. Gräber, Uni-site catalysis in thylakoids: The influence of membrane energization on ATP hydrolysis and ATP-P_i exchange 269 (1990) 247
Frostad, S. see O.D. Laerum 269 (1990) 11
Fujioka, H. see N. Oku 269 (1990) 148
Fukumoto, Y. see N. Oku 269 (1990) 148
Fukushima, T. see Y. Iijima 269 (1990) 218
Fürst, D.O. see R. Nave 269 (1990) 163

Gaboriaud, C., G. Uzé, G. Lutfalla, Lutfalla, and K. Mogensen, Hydrophobic cluster analysis reveals duplication in the external structure of human α-interferon receptor and homology with γ-interferon receptor external domain 269 (1990) 1
Galanaud, P. see G. Leca 269 (1990) 171
Gallo, M. see A. Ballio 269 (1990) 377
Garcia-Welsh, A., J.S. Schneiderman and D.L. Baly, Interleukin-1 stimulates glucose transport in rat adipose cells: Evidence for receptor discrimination between IL-1β and IL-1α 269 (1990) 421
Gardner, D.P. and N. Shimizu, TPA induces repression of EGF receptor gene expression 269 (1990) 288
Garreau, H., J.H. Camonis, C. Guitton and M. Jacquet, The *Saccharomyces cerevisiae CDC25* gene product is a 180 kDa polypeptide and is associated with a membrane fraction 269 (1990) 53
Gebhard, W., T. Schreitmüller, H. Vetr, E. Wachter and K. Hochstrasser, Complementary DNA and deduced amino acid sequences of porcine α_1-microglobulin and bikunin 269 (1990) 32
Geering, K. see U. Ackermann 269 (1990) 105
Gerisch, G. see D. Lück-Vielmetter 269 (1990) 239
Ghadiminejad, I. and E.D. Saggerson, Carnitine palmitoyltransferase (CPT_2) from liver mitochondrial inner membrane becomes inhibitable by malonyl-CoA if reconstituted with outer membrane malonyl-CoA binding protein 269 (1990) 406
Ghanotakis, D.F. see I. Virgin 269 (1990) 45
Gillo, B. see S.C. Sealfon 269 (1990) 135
Glushakova, S.E., I.S. Lukashevich and L.A. Baratova, Prediction of arenavirus fusion peptides on the basis of computer analysis of envelope protein sequences 269 (1990) 145
Gomazkova, V.S. see V.I. Bunik 269 (1990) 252
Gómez, D.C. see R. Marín 269 (1990) 77
Gómez-Márquez, J. see M. Dosil 269 (1990) 373
Goñi, F.M. see A. Prado 269 (1990) 324
Götz, F. see D. Besser 269 (1990) 358
Grabatin, B. see D. Lück-Vielmetter 269 (1990) 239
Gräber, P. see P. Fromme 269 (1990) 247
Greenaway, W. see R.H. Dunstan 269 (1990) 177
Groenen, P.J.T.A., P.R.L.A. van den IJssel, C.E.M. Voorter, H. Bloemendal and W.W. de Jong, Site-specific racemization in aging αA-crystallin 269 (1990) 109
Guitton, C. see H. Garreau 269 (1990) 53
Gundelfinger, E.D. see P. Jonas 269 (1990) 264
Gurevitz, M., E. Zlotkin and N. Zilberberg, Characterization of the transcript for a depressant insect selective neurotoxin gene with an isolated cDNA clone from the scorpion *Buthotus judaicus* 269 (1990) 229

Gustchina, A. and I.T. Weber, Comparison of inhibitor binding in HIV-1 protease and in non-viral aspartic proteases: the role of the flap 269 (1990) 269

Hanley, A. see R.L.P. Adams 269 (1990) 29
Hanzawa, H., I. Shimada, T. Kuzuhara, H. Komano, D. Kohda, F. Inagaki, S. Natori and Y. Arata, ^{1}H nuclear magnetic resonance study of the solution conformation of an antibacterial protein, sapecin 269 (1990) 413
Hardie, D.G. see P.R. Clarke 269 (1990) 213
Harper, R. see P.R. Rich 269 (1990) 139
Harricane, M.-C., C. Cavadore, E. Audemard and D. Mornet, Complexes between 15 kDa caldesmon fragment and actin investigated by immuno-electron microscopy 269 (1990) 185
Haukanes, B.I., K. Szajko and D.E. Helland, Action of spermidine, N^1-acetylspermidine, and N^8-acetylspermidine at apurinic sites in DNA 269 (1990) 389
Heidland, A. see L. Denek 269 (1990) 226
Helland, D.E. see B.I. Haukanes 269 (1990) 389
Hemmer, W. see A.F.G. Quest 269 (1990) 457
Hendriks, L., Y. Van de Peer, M. Van Herck, J.-M. Neefs and R. De Wachter, The 18S ribosomal RNA sequence of the sea anemone *Anemonia sulcata* and its evolutionary position among other eukaryotes 269 (1990) 445
Hernell, O. see B. Lönnerdal 269 (1990) 153
Higuchi, T. see Y. Akamatsu 269 (1990) 261
Hizi, A. see S. Loya 269 (1990) 131
Hjalmarsson, K. see B. Lönnerdal 269 (1990) 153
Hochstrasser, K. see W. Gebhard 269 (1990) 32
Hoff, A.J. see B. Liu 269 (1990) 354
Hoffschulte, H.K. see B.M. Thome 269 (1990) 113
Hofmann, F. see M. Biel 269 (1990) 409
Hokin, L.E. see K.K. Bhattacharyya 269 (1990) 233
Holmquist, B. see B. Egestad 269 (1990) 194
Holt, S.D., B. Piggott, W.J. Ingledew, M.C. Feiters and G.P. Diakun, EXAFS of the type-1 copper site of rusticyanin 269 (1990) 117
Hori, Yu. see N. Oku 269 (1990) 148
Horie, H., S. Ikuta and T. Takenaka, Membrane elasticity of mouse dorsal root ganglion neurons decreases with aging 269 (1990) 23
Horsch, A., K. Köhler, M. Ellwart-Tschürz and H.-P. Schmid, Selection of prosomes and prosomal RNA by immobilized viral RNAs 269 (1990) 336
Horvath, A.R. see M.A. Elmore 269 (1990) 283
Hosoda, K. see T. Kawamoto 269 (1990) 345
Hullin, R. see M. Biel 269 (1990) 409
Hunt, J.V. and S.P. Wolff, Is glucose the sole source of tissue browning in diabetes mellitus? 269 (1990) 258

Iacobellis, N.S. see A. Ballio 269 (1990) 377
Iga, T. see A. Ito 269 (1990) 93
Igarashi, K. see K.S. Nam 269 (1990) 394
Ikuta, S. see H. Horie 269 (1990) 23
Imura, H. see T. Kawamoto 269 (1990) 345
Inagaki, F. see H. Hanzawa 269 (1990) 413
Ingledew, W.J. see S.D. Holt 269 (1990) 117
Inoue, K. see K.S. Nam 269 (1990) 394
Inoue, M., N. Watanabe, Y. Morino, Y. Tanaka, T. Amachi and J. Sasaki, Inhibition of oxygen toxicity by targeting superoxide dismutase to endothelial cell surface 269 (1990) 89
Ito, A., T. Sato, T. Iga and Y. Mori, Tumor necrosis factor bifunctionally regulates matrix metalloproteinases and tissue inhibitor of metalloproteinases (TIMP) production by human fibroblasts 269 (1990) 93

Ivanova, E.M. see E.I. Frolova 269 (1990) 101
Iijima, Y., T. Fukushima, L.A. Bhuiyan, T. Yamada, F. Kosaka and J.D. Sato, Synergistic and additive induction of metallothionein in Chang liver cells: A possible mechanism of marked induction of metallothionein by stress 269 (1990) 218

Jacobsen, C., J. Blokkebak-Poulsen and M.I. Sheikh, Potassium channels in basolateral membrane vesicles from pars convoluta of rabbit proximal tubule 269 (1990) 315
Jacquet, M. see H. Garreau 269 (1990) 53
Jacquot, J., F. Dupuit, R. Benali, C. Spilmont and E. Puchelle, Modulation of albumin-like protein and lysozyme production by bovine tracheal gland serous cells: Dependence on culture conditions 269 (1990) 65
James, I.F. see J.N. Wood 269 (1990) 381
Jefferey, J. see B. Egestad 269 (1990) 194
Joachimiak, A. see M.Z. Barciszewska 269 (1990) 83
Johansen, T. see T. Knudsen 269 (1990) 7
Joly, F. see G. Leca 269 (1990) 171
Jonas, P., A. Baumann, B. Merz and E.D. Gundelfinger, Structure and developmental expression of the Dα2 gene encoding a novel nicotinic acetylcholine receptor protein of *Drosophila melanogaster* 269 (1990) 264
Jörnvall, H. see B. Egestad 269 (1990) 194

Kaibuchi, K. see N. Oku 269 (1990) 148
Kaiser, R. see B. Egestad 269 (1990) 194
Kamp, D. see O.D. Laerum 269 (1990) 11
Kanai, R. see J. Ohnishi 269 (1990) 122
Karpova, G.G. see M.A. Zenkova 269 (1990) 26
Kato, I., H. Yonekura, H. Yamamoto and H. Okamoto, Isolation and functional expression of pituitary peptidylglycine α-amidating enzyme mRNA: A variant lacking the transmembrane domain 269 (1990) 319
Kawamoto, T., Y. Mitsuuchi, K. Toda, K. Miyahara, Y. Yokoyama, Kazuwa Nakao, K. Hosoda, Y. Yamamoto, H. Imura and Y. Shizuta, Cloning of cDNA and genomic DNA for human cytochrome P-450$_{11\beta}$ 269 (1990) 345
Keen, J.N. see I.R. White 269 (1990) 49
Keenan, A.K. see E.M. Redmond 269 (1990) 157
Keith, G. see J. Bratty 269 (1990) 60
Kellie, S. see M.A. Elmore 269 (1990) 283
Kitagawa, T. see S. Tokutomi 269 (1990) 341
Klein, B. see M.R. Parant 269 (1990) 331
Knudsen, T. and T. Johansen, Regulation of the Na^+-K^+ pump activity and estimation of the reserve capacity in intact rat peritoneal mast cells 269 (1990) 7
Kohda, D. see H. Hanzawa 269 (1990) 413
Köhler, K. see A. Horsch 269 (1990) 336
Komano, H. see H. Hanzawa 269 (1990) 413
König, G., C.L. Masters and K. Beyreuther, Retinoic acid induced differentiated neuroblastoma cells show increased expression of the βA4 amyloid gene of Alzheimer's disease and an altered splicing pattern 269 (1990) 305
Korc-Grodzicki, B. see D. Chain 269 (1990) 221
Kosaka, F. see Y. Iijima 269 (1990) 218
Koshkina, N.V. see V.S. Trubetskoy 269 (1990) 79
Kozak-Reiss, G. see D. Bendahan 269 (1990) 402
Kreizman, T. see D. Chain 269 (1990) 221
Kristensson, K. see M. Andersson 269 (1990) 15
Kröger, H. see D. Besser 269 (1990) 358
Krstenansky, J.L., T.J. Owen, M.T. Yates and S.J.T. Mao, The C-terminal binding domain of hirullin P18: Antithrombin activity and comparison to hirudin peptides 269 (1990) 425
Kuzuhara, T. see H. Hanzawa 269 (1990) 413

Lacombe, C. see P. Mayeux 269 (1990) 167
Laerum, O.D., S. Frostad, H.I. Tøn and D. Kamp, The sequence of the hemoregulatory peptide is present in $G_{i\alpha}$ proteins 269 (1990) 11
Lameh, J. see S. Maeda 269 (1990) 386
Leake, D.S., S.M. Rankin, Rankin, and J. Collard, Macrophage proteases can modify low density lipoproteins to increase their uptake by macrophages 269 (1990) 209
Leca, G., F. Joly, A. Vazquez, P. Galanaud and E. Ninio, Paf-acether-induced superoxide anion generation in human B cell line 269 (1990) 171
Leu, S., D. Weinberg and A. Michaels, Transcription and translation of the chloroplast atpB-gene and assembly of ATP synthase subunit β 269 (1990) 41
Levina, A.S. see M.A. Zenkova 269 (1990) 26
Lisio, R. see A. Cataldi 269 (1990) 465
Liu, B. and A.J. Hoff, Q_A-depletion and reconstitution of a reaction center preparation from the photosynthetic bacterium *Rhodopseudomonas viridis* 269 (1990) 354
Lönnerdal, B., S. Bergström, Y. Andersson, K. Hjalmarsson, A.K. Sundqvist and O. Hernell, Cloning and sequencing of a cDNA encoding human milk β-casein 269 (1990) 153
Lorenz, S. see M.Z. Barciszewska 269 (1990) 83
Loya, S. and A. Hizi, The inhibition of human immunodeficiency virus type 1 reverse transcriptase by avarol and avarone derivatives 269 (1990) 131
Lück-Vielmetter, D., M. Schleicher, B. Grabatin, J. Wippler and G. Gerisch, Replacement of threonine residues by serine and alanine in a phosphorylatable heavy chain fragment of *Dictyostelium* myosin II 269 (1990) 239
Lukashevich, I.S. see S.E. Glushakova 269 (1990) 145
Lutfalla, G. see C. Gaboriaud 269 (1990) 1
Lutfalla,, see C. Gaboriaud 269 (1990) 1
Luz, N. and E. Beck, A cellular 57 kDa protein binds to two regions of the internal translation initiation site of foot-and-mouth disease virus 269 (1990) 311
L'vov, V.L. see V.S. Trubetskoy 269 (1990) 79

Ma, D.B. see Y. Akamatsu 269 (1990) 261
Maciewicz, R.A., S.F. Wotton, D.J. Etherington and V.C. Duance, Susceptibility of the cartilage collagens types II, IX and XI to degradation by the cysteine proteinases, cathepsins B and L 269 (1990) 189
Maeda, S., J. Lameh, W.G. Mallet, M. Philip, J. Ramachandran and W. Sadée, Internalization of the Hm1 muscarinic cholinergic receptor involves the third cytoplasmic loop 269 (1990) 386
Mallet, W.G. see S. Maeda 269 (1990) 386
Mamaev, S.V. see M.A. Zenkova 269 (1990) 26
Mandiyan, S. see H. Nelson 269 (1990) 181
Mäntele, W. see C. Berthomieu 269 (1990) 363
Mao, S.J.T. see J.L. Krstenansky 269 (1990) 425
Marín, R., D.C. Gómez, G.A. Rodríguez, T. Proverbio and F. Proverbio, Ouabain-insensitive, Na-ATPase activity in pure suspensions of rat kidney proximal tubules 269 (1990) 77
Masters, C.L. see G. König 269 (1990) 305
Matsuyama, S., J. Akimaru and S. Mizushima, SecE-dependent overproduction of SecY in *Escherichia coli*: Evidence for interaction between two components of the secretory machinery 269 (1990) 96
Mayeux, P., N. Casadevall, O. Muller and C. Lacombe, Glycosylation of the murine erythropoietin receptor 269 (1990) 167
McClue, S.J. and G. Milligan, The α_2B adrenergic receptor of undifferentiated neuroblastoma × glioma hybrid NG108-15 cells, interacts directly with the guanine nucleotide binding protein, G_i2 269 (1990) 430
Merz, B. see P. Jonas 269 (1990) 264
Meshi, T. see N. Takamatsu 269 (1990) 73
Mevkh, A.T. see R.U. Beisembaeva 269 (1990) 125
Michaels, A. see S. Leu 269 (1990) 41
Mikhailov, A.M., A.V. Nickitenko, S.D. Trakhanov, B.K. Vainshtein and E.V. Chetverina, Crystallization and preliminary x-ray diffraction study of neurotoxin-I from *Naja naja oxiana* VENOM 269 (1990) 255
Milligan, G. see S.J. McClue 269 (1990) 430
Millner, P.A. see I.R. White 269 (1990) 49
Miscia, S. see A. Cataldi 269 (1990) 465
Mitsuuchi, Y. see T. Kawamoto 269 (1990) 345
Miyahara, K. see T. Kawamoto 269 (1990) 345
Mizushima, S. see S. Matsuyama 269 (1990) 96
Mizutani, Y. see S. Tokutomi 269 (1990) 341
Mogensen, K. see C. Gaboriaud 269 (1990) 1
Mori, Y. see A. Ito 269 (1990) 93
Morino, Y. see M. Inoue 269 (1990) 89
Mornet, D. see M.-C. Harricane 269 (1990) 185
Muga, A. see A. Prado 269 (1990) 324
Müller, M. see B.M. Thome 269 (1990) 113
Muller, O. see P. Mayeux 269 (1990) 167
Mundamattom, S. see S.C. Sealfon 269 (1990) 135
Mursagalieva, A.T. see R.U. Beisembaeva 269 (1990) 125

Nabedryk, E. see C. Berthomieu 269 (1990) 363
Nakao, K. see T. Kawamoto 269 (1990) 345
Nam, K.S., M. Umeda, K. Igarashi and K. Inoue, Anti-idiotypic antibody identifies the structural similarity between the phosphatidylcholine-specific monoclonal antibody and phosphatidylcholine-specific lipid transfer protein 269 (1990) 394
Natori, S. see H. Hanzawa 269 (1990) 413
Nave, R., D.O. Fürst and K. Weber, Interaction of α-actinin and nebulin in vitro: Support for the existence of a fourth filament system in skeletal muscle 269 (1990) 163
Neefs, J.-M. see L. Hendriks 269 (1990) 445
Nelson, H., S. Mandiyan and N. Nelson, Cloning of the human brain GABA transporter 269 (1990) 181
Nelson, N. see H. Nelson 269 (1990) 181
Ng, C.L.T. see M.J. Selwyn 269 (1990) 205
Nickitenko, A.V. see A.M. Mikhailov 269 (1990) 255
Nicoghosian, K. see J. Bratty 269 (1990) 60
Ninio, E. see G. Leca 269 (1990) 171
Novak, S., T. D'Amore and G.G. Stewart, 2-Deoxy-D-glucose resistant yeast with altered sugar transport activity 269 (1990) 202

O'Donnell, P.J. see I.R. White 269 (1990) 49
Ogilvie, K.K. see J. Bratty 269 (1990) 60
Ohnishi, J. and R. Kanai, Pyruvate uptake induced by a pH jump in mesophyll chloroplasts of maize and sorghum, NADP-malic enzyme type C_4 species 269 (1990) 122
Okada, Y. see N. Takamatsu 269 (1990) 73
Okamoto, H. see I. Kato 269 (1990) 319
Oku, N., K. Kaibuchi, Y. Fukumoto, Yu. Hori, H. Fujioka and Y. Takai, Comparison of the mode of action of *ras* p21 with those of protein kinases A and C in the stimulation of gene expression in NIH/3T3 cells 269 (1990) 148
Omel'yanenko, V.G. see V.S. Trubetskoy 269 (1990) 79
Owen, T.J. see J.L. Krstenansky 269 (1990) 425

Paci, M. see A. Ballio 269 (1990) 377
Parant, M.R., B. Klein and H. Vial, Abnormal behavior of protein kinase C in the human myeloma cell line, RPMI 8226 269 (1990) 331
Parés, X. see B. Egestad 269 (1990) 194
Parodi, M.T., L. Varesio and G.P. Tonini, The specific inhibitor of protein kinase C, 1-(5-isoquinolinylsulfonyl)-2-methylpiperazine (H7), induces morphological change and cell differentiation of human neural crest-derived cell lineages 269 (1990) 4
Pecht, I. see U. Pilatus 269 (1990) 292
Perreault, J.-P. see J. Bratty 269 (1990) 60
Perriard, J.-C. see A.F.G. Quest 269 (1990) 457
Persson, B. see B. Egestad 269 (1990) 194
Petrov, A.B. see V.S. Trubetskoy 269 (1990) 79
Petrov,, see V.S. Trubetskoy 269 (1990) 79
Philip, M. see S. Maeda 269 (1990) 386
Pictet, R. see J. Thillet 269 (1990) 450
Piggott, B. see S.D. Holt 269 (1990) 117
Pilatus, U., H. Degani and I. Pecht, ^{31}P and ^{23}Na nuclear magnetic resonance studies of resting and stimulated mast cells 269 (1990) 292
Prado, A., A. Muga, J. Castresana, F.M. Goñi and J.L.R. Arrondo, Solubilization of sarcoplasmic reticulum membranes by sodium dodecylsulphate: A Fourier-transform infrared spectroscopic study 269 (1990) 324
Proverbio, F. see R. Marín 269 (1990) 77
Proverbio, T. see R. Marín 269 (1990) 77
Pucci, P. see A. Ballio 269 (1990) 377
Puchelle, E. see J. Jacquot 269 (1990) 65

Quest, A.F.G., T. Soldati, W. Hemmer, J.-C. Perriard, H.M. Eppenberger and T. Wallimann, Phosphorylation of chicken brain-type creatine kinase affects a physiologically important kinetic parameter and gives rise to protein microheterogeneity in vivo 269 (1990) 457
Quistorff, B. see A. Bianchi 269 (1990) 435

Ramachandran, J. see S. Maeda 269 (1990) 386
Ramirez, A. see J.R. Viña 269 (1990) 86
Rana, R. see A. Cataldi 269 (1990) 465
Rankin,, see D.S. Leake 269 (1990) 209
Rankin, S.M. see D.S. Leake 269 (1990) 209
Redmond, E.M., P.A. Cahill and A.K. Keenan, Atrial natriuretic factor recognizes two receptor subtypes in endothelial cells cultured from bovine pulmonary artery 269 (1990) 157
Rich, P.R. and R. Harper, Partition coefficients of quinones and hydroquinones and their relation to biochemical reactivity 269 (1990) 139
Rinaldi, A. see R.L.P. Adams 269 (1990) 29
Rodríguez, G.A. see R. Marín 269 (1990) 77
Romani, A. and A. Scarpa, Norepinephrine evokes a marked Mg^{2+} efflux from liver cells 269 (1990) 37
Rowan, A.D., J. Brzin, D.J. Buttle and A.J. Barrett, Inhibition of cysteine proteinases by a protein inhibitor from potato 269 (1990) 328
Ruth, P. see M. Biel 269 (1990) 409

Sadée, W. see S. Maeda 269 (1990) 386
Saggerson, E.D. see I. Ghadiminejad 269 (1990) 406
Saito, A. see H. Torigoe 269 (1990) 174
Sasaki, J. see M. Inoue 269 (1990) 89
Sato, J.D. see Y. Iijima 269 (1990) 218
Sato, M. see H. Torigoe 269 (1990) 174
Sato, T. see A. Ito 269 (1990) 93
Scaloni, A. see A. Ballio 269 (1990) 377
Scarpa, A. see A. Romani 269 (1990) 37
Schaefer, R.M. see L. Denek 269 (1990) 226
Schiltz, E. see B.M. Thome 269 (1990) 113
Schleicher, M. see D. Lück-Vielmetter 269 (1990) 239
Schmid, H.-P. see A. Horsch 269 (1990) 336
Schneiderman, J.S. see A. Garcia-Welsh 269 (1990) 421
Schreitmüller, T. see W. Gebhard 269 (1990) 32
Schulze-Forster, K. see D. Besser 269 (1990) 358
Schwegler, J.S. see L. Denek 269 (1990) 226
Sealfon, S.C., S. Mundamattom and B. Gillo, Modulation of calcium mobilization by guanosine 5'-*O*-(2-thiodiphosphate) in *Xenopus* oocytes 269 (1990) 135
Segre, A. see A. Ballio 269 (1990) 377
Selwyn, M.J., C.L.T. Ng and H.L. Choo, Calcium ion activation of the anion-conducting channel in the rat liver mitochondrial inner membrane 269 (1990) 205
Semeykina, A.L. and V.P. Skulachev, Submicromolar Ag^+ increases passive Na^+ permeability and inhibits the respiration-supported formation of Na^+ gradient in *Bacillus FTU* vesicles 269 (1990) 69
Shaikenov, T.E. see R.U. Beisembaeva 269 (1990) 125
Shaltiel, S. see D. Chain 269 (1990) 221
Sheikh, M.I. see C. Jacobsen 269 (1990) 315
Shiba, T. see N. Takamatsu 269 (1990) 73
Shimada, I. see H. Hanzawa 269 (1990) 413
Shimada, I. see H. Torigoe 269 (1990) 174
Shimada, M. see Y. Akamatsu 269 (1990) 261
Shimizu, N. see D.P. Gardner 269 (1990) 288
Shizuta, Y. see T. Kawamoto 269 (1990) 345
Silar, P. and M. Wegnez, Expression of the *Drosophila melanogaster* metallothionein genes in yeast 269 (1990) 273
Simmaco, M. see A. Ballio 269 (1990) 377
Simon, D. see D. Besser 269 (1990) 358
Skulachev, V.P. see A.L. Semeykina 269 (1990) 69
Slagboom, P.E., W.J.F. de Leeuw and J. Vijg, mRNA levels and methylation patterns of the tyrosine aminotransferase gene in aging inbred rats 269 (1990) 128
Soldati, T. see A.F.G. Quest 269 (1990) 457
Spilmont, C. see J. Jacquot 269 (1990) 65
Stewart, G.G. see S. Novak 269 (1990) 202
Stühmer, W. see M. Biel 269 (1990) 409
Sundqvist, A.K. see B. Lönnerdal 269 (1990) 153
Szajko, K. see B.I. Haukanes 269 (1990) 389

Takai, Y. see N. Oku 269 (1990) 148
Takamatsu, N., Y. Watanabe, H. Yanagi, T. Meshi, T. Shiba and Y. Okada, Production of enkephalin in tobacco protoplasts using tobacco mosaic virus RNA vector 269 (1990) 73
Takenaka, T. see H. Horie 269 (1990) 23
Tanaka, Y. see M. Inoue 269 (1990) 89
Thauer, R.K. see R. Fischer 269 (1990) 368
Thielens, N.M. see G. Zaccaï 269 (1990) 19
Thillet, J. and R. Pictet, Transfection of $DHFR^-$ and $DHFR^+$ mammalian cells using methotrexate-resistant mutants of mouse dihydrofolate reductase 269 (1990) 450
Thome, B.M., H.K. Hoffschulte, E. Schiltz and M. Müller, A protein with sequence identity to Skp (FirA) supports protein translocation into plasma membrane vesicles of *Escherichia coli* 269 (1990) 113
Toda, K. see T. Kawamoto 269 (1990) 345
Tokutomi, S., Y. Mizutani, H. Anni and T. Kitagawa, Resonance Raman spectra of large pea phytochrome at ambient temperature: Difference in chromophore protonation between red- and far red-absorbing forms 269 (1990) 341
Tollersrud, O.K. see K.J. Fisher 269 (1990) 440
Tøn, H.I. see O.D. Laerum 269 (1990) 11
Tonini, G.P. see M.T. Parodi 269 (1990) 4

Torchilin, V.P. see V.S. Trubetskoy 269 (1990) 79
Torigoe, H., I. Shimada, M. Waelchli, A. Saito, M. Sato and Y. Arata, ^{15}N nuclear magnetic resonance studies of the B domain of *Staphylococcal* protein A: sequence specific assignments of the imide ^{15}N resonances of the proline residues and the interaction with human immunoglobulin G 269 (1990) 174
Trakhanov, S.D. see A.M. Mikhailov 269 (1990) 255
Trubetskoy, V.S., N.V. Koshkina, V.G. Omel'yanenko, V.L. L'vov, B.A. Dmitriev, A.B. Petrov, Petrov, and V.P. Torchilin, FITC-labeled lipopolysaccharide: use as a probe for liposomal membrane incorporation studies 269 (1990) 79
Tsvetkova, E.A. see G.G. Abdurashidova 269 (1990) 398

Ulbrich, N. see M.Z. Barciszewska 269 (1990) 83
Umeda, M. see K.S. Nam 269 (1990) 394
Uzé, G. see C. Gaboriaud 269 (1990) 1

Vainshtein, B.K. see A.M. Mikhailov 269 (1990) 255
Vallee, B. see B. Egestad 269 (1990) 194
Van de Peer, Y. see L. Hendriks 269 (1990) 445
Van den IJssel, P.R.L.A. see P.J.T.A. Groenen 269 (1990) 109
Van Herck, M. see L. Hendriks 269 (1990) 445
Varesio, L. see M.T. Parodi 269 (1990) 4
Vazquez, A. see G. Leca 269 (1990) 171
Veitch, N.C., D. Whitford and R.J.P. Williams, An analysis of pseudocontact shifts and their relationship to structural features of the redox states of cytochrome b_5 269 (1990) 297
Vetr, H. see W. Gebhard 269 (1990) 32
Vial, H. see M.R. Parant 269 (1990) 331
Viña., J. see J.R. Viña 269 (1990) 86
Viña, J.R., P. Blay, A. Ramirez, A. Castells and J. Viña., Inhibition of γ-glutamyl transpeptidase decreases amino acid uptake in human keratinocytes in culture 269 (1990) 86
Virgin, I., D.F. Ghanotakis and B. Andersson, Light-induced D1-protein degradation in isolated photosystem II core complexes 269 (1990) 45
Vlassov, V.V. see E.I. Frolova 269 (1990) 101
Voorter, C.E.M. see P.J.T.A. Groenen 269 (1990) 109
Vijg, J. see P.E. Slagboom 269 (1990) 128

Wachter, E. see W. Gebhard 269 (1990) 32
Waelchli, M. see H. Torigoe 269 (1990) 174
Wagner, H. see D. Besser 269 (1990) 358
Wallimann, T. see A.F.G. Quest 269 (1990) 457
Walpole, C. see J.N. Wood 269 (1990) 381
Watanabe, N. see M. Inoue 269 (1990) 89
Watanabe, Y. see N. Takamatsu 269 (1990) 73
Weber, I.T. see A. Gustchina 269 (1990) 269
Weber, K. see R. Nave 269 (1990) 163
Wegnez, M. see P. Silar 269 (1990) 273
Weinberg, D. see S. Leu 269 (1990) 41
Whatley, F.R. see R.H. Dunstan 269 (1990) 177
White, I.R., P.J. O'Donnell, J.N. Keen, J.B.C. Findlay and P.A. Millner, Investigation of the substrate specificity of thylakoid protein kinase using synthetic peptides 269 (1990) 49
Whitford, D. see N.C. Veitch 269 (1990) 297
Williams, R.J.P. see N.C. Veitch 269 (1990) 297
Williamson, G. see N.J. Belshaw 269 (1990) 350
Wippler, J. see D. Lück-Vielmetter 269 (1990) 239
Witters, L.A. see A. Bianchi 269 (1990) 435
Wolff, S.P. see J.V. Hunt 269 (1990) 258
Wood, J.N., C. Walpole, I.F. James, A. Dray and P.R. Coote, Immunochemical detection of photoaffinity-labelled capsaicin-binding proteins from sensory neurons 269 (1990) 381
Wotton, S.F. see R.A. Maciewicz 269 (1990) 189
Wu, T. see J. Bratty 269 (1990) 60

Yamada, T. see Y. Iijima 269 (1990) 218
Yamamoto, H. see I. Kato 269 (1990) 319
Yamamoto, Y. see T. Kawamoto 269 (1990) 345
Yanagi, H. see N. Takamatsu 269 (1990) 73
Yates, M.T. see J.L. Krstenansky 269 (1990) 425
Yokoyama, Y. see T. Kawamoto 269 (1990) 345
Yonekura, H. see I. Kato 269 (1990) 319

Zaccaï, G., C.A. Aude, N.M. Thielens and G.J. Arlaud, Neutron scattering study of the (γ-B) catalytic domains of complement proteases $C\bar{1}r$ and $C\bar{1}s$ 269 (1990) 19
Zarytova, V.F. see E.I. Frolova 269 (1990) 101
Zenkova, M.A., O.S. Fedorova, A.S. Levina, S.V. Mamaev and G.G. Karpova, The influence of oligonucleotide-effector on the selectivity of sequence specific modification of 16 S rRNA 269 (1990) 26
Zilberberg, N. see M. Gurevitz 269 (1990) 229
Zlotkin, E. see M. Gurevitz 269 (1990) 229